

# Academic Curriculum Vitae



## Personal Information:

Full Name: **Bakhtiar Kakil Hamad**  
Academic Title: Assistant Professor  
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## Education:

- B.Sc in Chemistry Department/ College of Science/ University of Salahaddin, Erbil, Northern Iraq, 1996.
- M.Sc. in Physical Chemistry from Chemistry Department /College of Science University of Baghdad, Iraq, 2004
- PH. D. in Environmental-Physical Chemistry from School of Chemistry/ University Science Malaysia, Penang, Malaysia, 2011.

## Employment:

- Teaching staff , General science department , College of Basic Education, Salahaddin University

## Qualifications

- Teaching qualifications:
- Teaching experience since 1997
- IT qualifications: Computer skills (Windows, Word, Excel and PowerPoint)
- Language qualifications (English, Kurdish and Arabic)

## Teaching experience:

- State all teaching courses you delivered, stating undergraduate or post graduate
- Working as assistant chemistry in Biochemistry, Organic chemistry and Identification Organic Compounds Laboratory at Salahaddin University from 1997 to 2000.
- Working as assistant Lecturer in Pharmacy College at Salahaddin University from 2004 to 2006.
- Working as assistant Lecturer in General Science Department/College of Basic Education at Salahaddin University from 2006 to 2008. Teaching Physical Chemistry, Ecology and Pollution.
- Working as a Lecturer in General Science Department/College of Basic Education in Salahaddin University since 2011 till now.

- Working as a Lecturer in Petroleum Engineering Department at Knowledge University, teaching General Chemistry from 2016 to 2018.
- Teaching different subjects as the following:
  - Physical chemistry
  - Physical Pharmacy
  - Kinetic Chemistry
  - Carbon Nanotube
  - Wastewater Treatment.
  - Thermodynamics.
  - Air Pollution.
  - Soil Pollution.
  - Waste Management
  - Ecology

## Research and publications

- Bakhtiar, K. H., Ahmad, M. N., Afidah, A. R.: High removal of 4- chloroguaiacol by high surface area of oil palm shell-activated carbon activated with NaOH from aqueous solution. Desalination (impact factor 4.98) 257, 1-7 (2010).
- Bakhtiar, K. H., Ahmad, M. N., Afidah, A. R.: Removal of 4-Chloro-2- Methoxyphenol from Aqueous Solution by Adsorption to Oil Palm Shell Activated Carbon Activated with K<sub>2</sub>CO<sub>3</sub> . J. Ph. Sci. 22, 39-55 (2011).
- Removal of 3-Chlorophenol from Aqueous Solution by Adsorption Using Oil Palm Shell Activated Carbon with Na<sub>2</sub>CO<sub>3</sub>. Accepted in Zanko journal. Vol.26, No.4, 2014.
- Bakhtiar, K. H., Ahmad, M. N., Afidah, A. R.: Removal of 2-Chlorophenol from aqueous solution by adsorption using oil palm shell activated carbon with KOH. 3rd ICYC 2010. 23rd-25th June 2010. Universiti Sains Malaysia.
- Bakhtiar, K. H., Adsorption isotherm and kinetics studies of 2,4- dichlorophenol from aqueous solution using oil palm shell activated carbon, 2nd International Conference on Ecology, Environment and Energy, ICEEE2015, Ishik University, Arbil, Iraq, 12-13 April, 2015
- Bakhtiar, K. H., Preparation and Characterization of Activated Carbon from Oil Palm Shell Activated by KOH, Zanco Journal of Pure and Applied Sciences, Vol.27, No.4, 2015.
- Bakhtiar, K. H., Preparation and Characterization of Activated Carbon from Kurdistan Walnut Shell Activated by NaOH, ZANCO Journal of Pure and Applied Sciences, Vol.30, No.1, 2018.
- Bakhtiar, K. H., Removal of Residual Chlorine from Water by Adsorption Using Apricot Shell Activated Carbon, Diyala Journal of Pure Sciences.vol. 14, No. 4, october 2018.

## Conferences and courses attended

- ADSORPTION ISOTHERM AND KINETICS STUDIES OF 2, 4-DICHLOROPHENOL FROM AQUEOUS SOLUTION USING OIL PALM SHELL ACTIVATED CARBON
- BK Hamad - ICEEE 2015 CONFERENCE, 2015

## Professional memberships

- Member of Kurdistan Teacher Union
- Member of Kurdistan Chemists Syndicate
- Member of Iraqi Chemists Syndicate

## **Professional Social Network Accounts:**

<https://scholar.google.com/citations?user=OXrc7uUAAAAJ&hl=en>